

USCMS Engineer Status Report for June 2003

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1 Work Performed This Month

- Prepared following CMS Projects releases: - IGNOMINY: IGNOMINY_2.0.0, IGNOMINY_2.1.0
 - IGUANA: IGUANA_5.0.1, IGUANA_5.1.0_pre1
 - OSCAR: OSCAR_3.2.5, OSCAR_3.0.1, OSCAR_3.3.0, OSCAR_3.3.0_pre1, OSCAR_3.3.1_pre1
 - IGUANACMS: IGUANACMS_1.8.0, IGUANACMS_1.9.0, IGUANACMS_1.8.0_pre1, IGUANACMS_1.8.0_pre2, IGUANACMS_1.8.0_pre3
 - Ported configurations of IGNOMINY, IGUANA, IGUANACMS and OSCAR for CEL3 (SCRAM_ARCH cel3-i386_gcc323)
 - IGNOMINY_2.1.0 has been released first time for CEL3 (cel3-i386_gcc323)
- SCRAM_ARCH, new tools groupChecker and packageChecker are added to test the groups defined in our CMS projects and packages exist in our CMS projects. We have tested these new tools for ORCA/COBRA and found a lot of groups need to be fix. some groupChecker results are available at <http://cmsdoc.cern.ch/muzaffar/groupChecker/>
 - IGUANA_5.1.0_pre1 has been released for CEL3 (cel3-i386_gcc323) SCRAM_ARCH
 - Worked on proting IGNOMINY and IGUANA for new SCRAM version V1. All the tools of IGNOMINY (e.g. tool/group/package checker) now works with new SCRAM V1. These new tools are not released yet.
 - Learnt how to use new SCRAM and write new template for the SCRAM configurations.
 - Fixed bugs for IGNOMINY and IGUANA
 - New version of GL2PS (Version 1.2.0, 13 MAY 2004) is now used in IGUANA with some fixes for the SoMarkerSet printing.

- New control for configuring the GL2PS printing from the IGUANA are now available, now one can enable/disable various parameters of GL2PS printing via IGUANA Control Centre (e.g. enabling/disabling background, Simple Line Offset, Finding Best Root, Occlusion Culling, Land scape orientation)

2 Status of Deliverables

- Testing the new IGNOMINY/IGUANA for SCRAM V1. Hopefully the new releases of IGNOMINY and IGUANA will come out soon for SCRAM V1.

- Porting of IGNOMINY tools to get the configuration out of the new SCRAM V1 is still in tests. The new SCRAM has a very different method for caching the configuration. I have written some perl sub-routines to get this configuration. Still working and testing these sub-routines and will release them soon. IGNOMINY_3.0.0 will be based on new SCRAM V1.

- Working on a new IGUANA release based on Qt version 3.3.2. I have tested Qt 3.3.2 and results are fine so now i am in the process of making new IGUANA IGUANA_5.2.0 release , which should be available in the first week of July.

3 Plans For Next Month

- Release IGNOMINY_3.0.0 based for new SCRAM V1.

- Port all the IGNOMINY scripts (tool/group/package checker) for the new SCRAM

- Release IGUANA_5.2.0 based on Qt 3.3.2

- Release IGUANA_6.0.0 based on SEAL_1.4.0 which has new boost (1.31.0) so that we can use the new python bindings which Giulio has written.